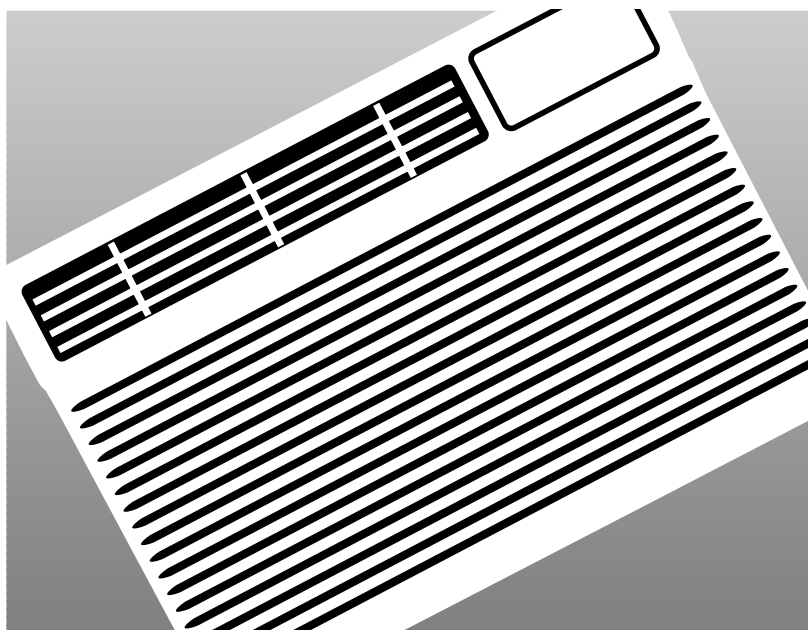
SAMSUNG

OWNER'S INSTRUCTIONS

AW050CM AW060CM

Window-type Room Air Conditioner
(Cool)



Ⓔ Ⓢ DB81-00655A

Register your product at www.samsung.com/global/register

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

WARNING Risk of electric shock. • Can cause injury or death. • Disconnect all remote electric power supplies before servicing, installing or cleaning. • This must be done by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

DURING OPERATION

- Users of this product are cautioned not to attempt repair of this product at their own discretion. Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.
- Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.
- Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.
- Do not place any obstacles in front of the unit.
- Do not spray liquid of any kind into the indoor unit. Should this happen, switch off the breaker used for your air conditioner and contact your installation specialist.
- Make sure that the unit is correctly ventilated at all times:
  Do not place clothing or other materials over it.
- If the wireless remote control will not be used for a long time, remove the batteries. (If applicable)
- When using a wireless remote control, the distance should not be more than 7 Insert in feet also meters from the air conditioner. (If applicable)
- The air conditioner must be plugged into its own specific power source, which must be installed in compliance with national wiring,earthing and safety regulations.
- If the power cord is damaged in any way, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- This device must be installed according to the national electrical rules.
- The appliance must be installation that the plug should be easily accessible after installation.
- If the fuse on PC board is broken please change it with the type of T 3.15A 250V.
- The breaker of the air conditioner should be all-pole switch; and the distance between its two contacts should be no less than 3.5mm. Such means for disconnection must be incorporation in the fixed wiring.

DISPOSING OF THE UNIT

- Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.
- When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin,causing injury. Releasing refrigerant into the atmosphere also damages the environment.
- Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

OTHERS

- Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.
- The appliance is not intended for use by young children or infirm persons without supervision: Young children should be supervised to ensure that they do not play with the appliance.
- Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.

Contents

◆ PREPARING YOUR AIR CONDITIONER
- ■ Safety Precautions 2
- ■ Description of Each Component 4
- ■ Getting Started 5

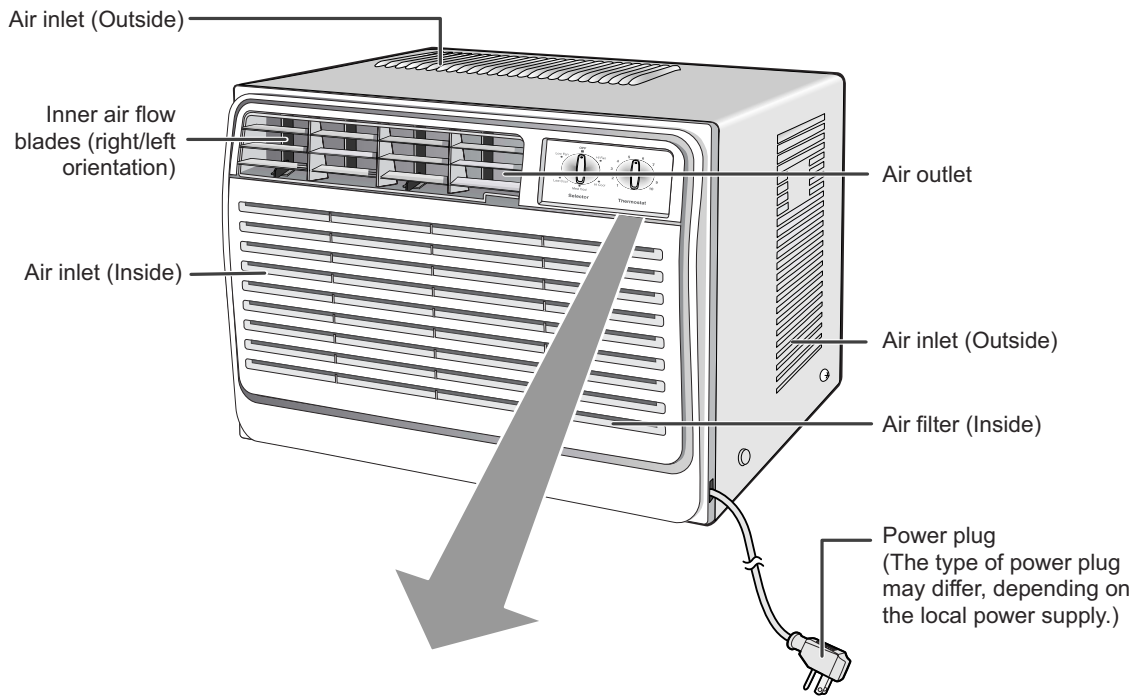
◆ OPERATING YOUR AIR CONDITIONER
- ■ Cooling Your Room 6
- ■ Ventilating Your Room 6
- ■ Switching the Air Conditioner Off 7
- ■ Adjusting the Air Flow Direction Horizontally 7

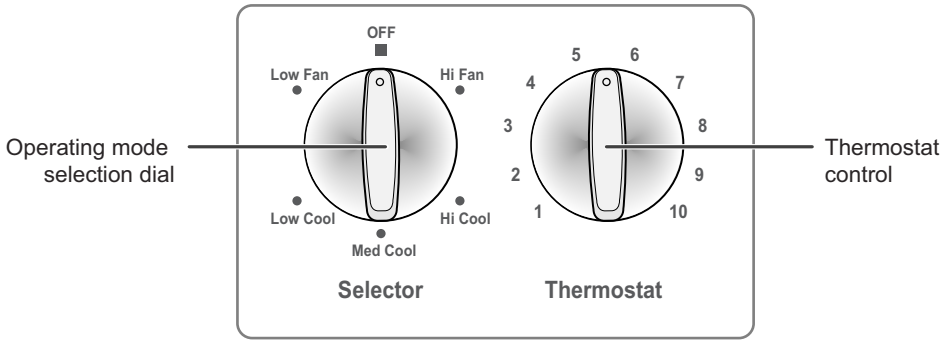
◆ RECOMMENDATIONS FOR USE
- ■ Power Failure 8
- ■ Temperature and Humidity Ranges 8
- ■ Cleaning Your Air Conditioner 9
- ■ Solving Common Problems 10
- ■ Technical Specifications 11

◆ INSTALLATION 12

Description of Each Component

❄ The design and shape are subject to change.


Air inlet (Outside)
Inner air flow blades (right/left orientation)
Air inlet (Inside)
Air outlet
Air inlet (Outside)
Air filter (Inside)
Power plug
(The type of power plug may differ, depending on the local power supply.)



CAUTION

If the Reset button of the power plug operates, the air conditioner starts cooling operation after 2~3 minutes.

Getting Started

You have just purchased a Samsung window-type room air conditioner which should be installed following the Installation Manual.

Your Owner's Instructions contain much valuable information on using your air conditioner. Please take the time to read them as they will help you take full advantage of the unit's features.

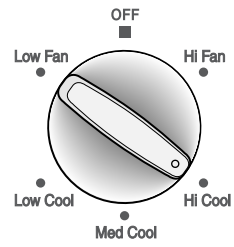
The illustrations in the step-by-step procedures use four different symbols:

PRESS	**PUSH**	**IMPORTANT**	**NOTE**

Cooling Your Room

You must select the COOL mode if you wish to adjust the:

- ***Cooling temperature***
- ***Fan speed when Cooling***

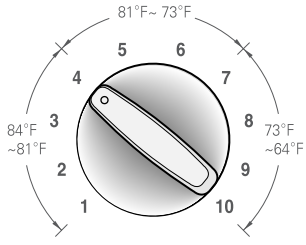


Selector

1 Turn the operating mode selection dial and set it to " Hi Cool " , " Med Cool " or " Low Cool ".

Result: The air conditioner starts up in cool mode.

➢ You can change modes at any time.



Thermostat

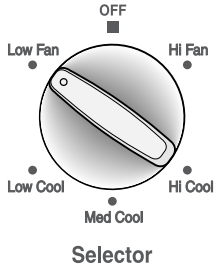
2 Turn the THERMOSTAT control to the desired position.

Possible temperatures: Can be set between 64°F and 84°F.

Result: The air conditioner starts cooling if the room temperature is higher than the selected temperature.

3 To control the direction of the air flow, refer to page 7.

Ventilating Your Room



Selector

1 Turn the operating mode selection dial and set it to "Hi Fan" or "Low Fan" position.

Result: The air conditioner starts up in fan mode.

➢
- ◆ Hi Fan : The fan turns rapidly.
- ◆ Low Fan : The fan turns slowly.
- ◆ You can change modes at any time.

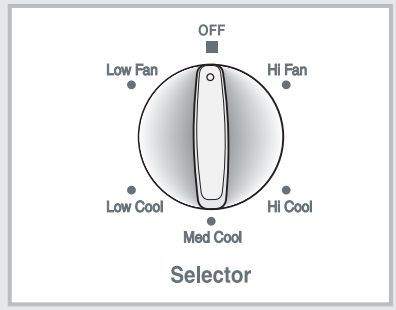
3 To control the direction of the air flow, refer to page 7.

Switching the Air Conditioner Off

You can switch the air conditioner off whenever you want.

1 To switch the unit off, simply set the operating mode selection dial to the "OFF " position.

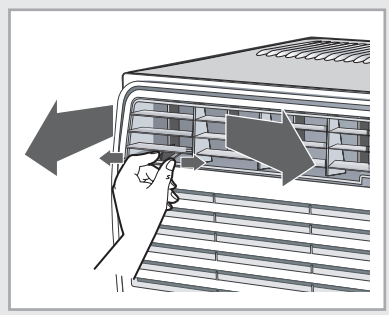
Result: The air conditioner stops operating.



Adjusting the Air Flow Direction Horizontally

Depending on the position of the unit in your room, you can adjust the orientation of the inner air flow blades on the unit.

Adjust the air flow blades to the desired position by sliding them side to side.



Power Failure

If a power failure occurs, the air conditioner is switched off.
When the power comes back on, the air conditioner starts up again automatically.

Temperature and Humidity Ranges

The following table indicates the air conditioner's temperature and humidity operation range.

Mode	Indoor Temperature	Outdoor Temperature	Indoor Humidity
Cooling	70°F to 90°F approx.	70°F to 110°F approx.	80% or less

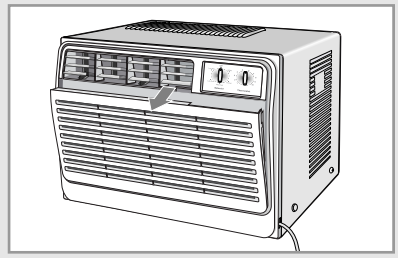
If the air conditioner is used at...	Then...
Higher temperature	The automatic protection feature may be triggered and the air conditioner will stop.
Lower temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
Higher humidity levels	Water may condense on and drip from the surface of the unit if it is used for long periods.

Cleaning Your Air Conditioner

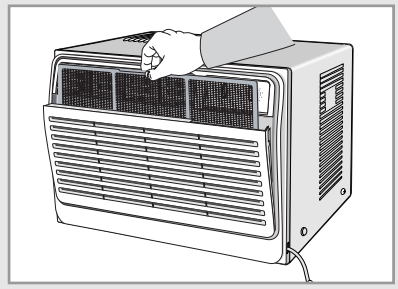
Be sure to clean the air filter periodically to maintain the air conditioner in the best condition for a long period of time.

☛ ***When cleaning the air conditioner, turn it off and pull out the power plug.***

1 Open the front grille by pulling the tabs on both sides of the grille. Then lift it up slightly to open the front grille completely.



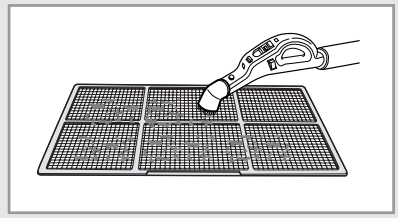
2 Grab the tabs on the filter and pull it up and out.



3 Remove all dust on the air filter with a vacuum cleaner or brush.

4 When you have finished, insert the air filter back into its original position.

5 Wipe the surface of the unit with a neutral detergent and then wipe it again with dry cloth. (Be sure not to use benzene, solvent or other chemical products.)



➢

If you...	Then...
Will not be using the air conditioner for a long period of time	◆ Set the fan going for a few hours to dry the inside of the air conditioner thoroughly. ◆ Switch the air conditioner off and unplug it from the wall socket. ◆ Clean the filter and outer surfaces.
Have not used the air conditioner for a long period of time	Set the fan going for a few hours to dry the inside of the air conditioner thoroughly.

Solving Common Problems

Before contacting an authorized service center, perform the following simple checks. They may save you the time and the expense of an unnecessary call.

Problem	Explanation / Solution
The air conditioner does not operate at all.	◆ Check for a power failure. ◆ Check the voltage. (See the technical specifications) ◆ Check the power plug for disconnection. ◆ Check to see whether the operating mode selection dial is placed in the "Off" position. (Set it to the desired position.) ◆ Check to see whether the room temperature is too low. - Refer to page 10 for details about temperature condition.
The air comes out smoothly, but cooling is not effective.	◆ Set the THERMOSTAT control to the desired position. - When the number on the THERMOSTAT control is too high, the room temperature may be too warm. ◆ Check to see whether there is an open window or other leakage of cool air to the outside. - Close the window and fill the gap. ◆ Check to see whether there is any obstacle adversely affecting the flow of the air inside and outside the room. - Remove the obstacle or change the position of the air conditioner. ◆ Check to see whether the air filter is clogged with dust or contaminated with foreign substances. - Clean the air filter. ◆ Check to see whether there is any direct sunlight facing the air conditioner. - Block the sunlight with a sunshade. ◆ Check to see whether there is any electric device generating heat. - Do not use the air conditioner together with any heating device.
Odors are permeating the room during air conditioning.	◆ Ventilate the room.

Technical Specifications

Design and specifications are subject to change without notice.

Model	Power Supply
AW050CM AW060CM	115V~, 60Hz

INSTALLATION MANUAL

Window-Type room air conditioner

INTRODUCTION

- This brief procedure guide was prepared to supplement the user manual in helping you install your room air conditioner correctly.
- You should consider seeking a professional installation specialist if you are unsure of installing the air conditioner after reading this supplement.
- The weight and size of the unit make it too difficult for you to install by yourself.
- If you feel you can install the air conditioner, this guide will assist you towards a safe installation. **However, please note: We are not responsible for any accident caused as a result of your attempt to install the air conditioner on your own.**
- **The illustrations shown in this guide may not exactly match your air conditioner.**

The following icons represent "IMPORTANT" and "NOTE" text:
Los siguentes símbolos representan "IMPORTANTE" y "NOTA" texto:

IMPORTANT
IMPORTANTE

NOTE
NOTA

- This air conditioner should be installed in a window. To ensure product quality and safety, Do not install the air conditionerin a wall.

Preparation for Installation

◆ Always have an assistant to help you. Never attempt to install any air conditioner alone.

◆ You risk the possibility of hurting yourself or injuring others by attempting to install it alone.

Checkpoints Prior to Installation

1 Carefully remove the unit from the packing case and lay it on the floor and check that all accessories (as indicated) are enclosed.

2 Check the cabinet and front grille of the unit for any defects such as scratches.

3 Be sure to check the power supply.

◆ Refer to the specifications on the label attached to the unit.

Installation Conditions

1 Electrical Requirements

For personal safety:

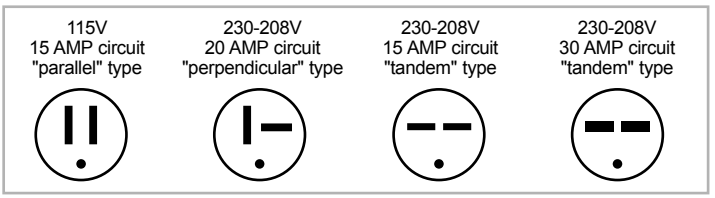
◆ This appliance must be properly grounded.

◆ Do not, under any circumstances, cut or remove the third grounding prong from the power cord.

◆ We recommend that you do not use an extension cord or an adapter plug with this appliance.

◆ Do not change the plug on the power cord of this appliance.

◆ Follow national electrical codes or local codes and ordinances.

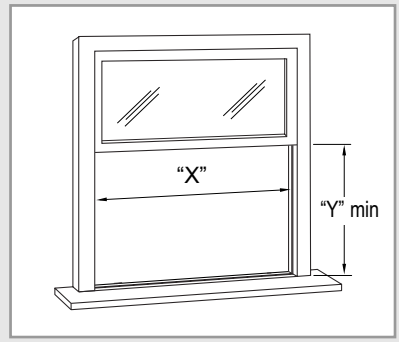


◆ If the electric supply provided does not meet the above specifications, call a licensed electrician.

◆ Aluminum house wiring may pose special problems - consult a qualified electrician.

◆ This unit requires a separate circuit, serving only this appliance.

Window Type Requirements



- Standard double-hung window with actual opening width of "X". The installation will need to be modified for windows other than the standard double hung type.
- Clear vertical opening of "Y" minimum, from bottom of sash to sill.
- Install the air conditioner in a window where there will be enough clearance around the cabinet to allow ample circulation of air through the unit.
- All supporting parts should be secured to firm wood, masonry or metal.

Width / Models	" X "	" Y "
AW050CM AW060CM	55.9cm to 91.4cm (22" to 36")	32.7cm (12 7/8")

Tools needed

- Philips head screwdriver
- Ruler or tape measure
- Adjustable wrench
- Pencil
- Scissors

Parts Furnished

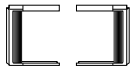
The following accessories may be not supplied depending on the model.

Type A(Qty-6)

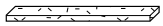
Type B(Qty-9)

Type C(Qty-2)

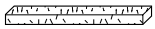
Window filler panel



Top Support Channel

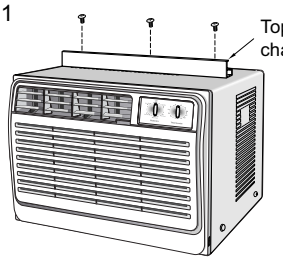


Adhesive seal strip



Window gasket

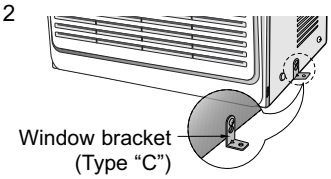
1



1 Install the top support channel with three Type B screw s provided.

The screw holes are larger gauge on the channel and smaller on the cabinet. The top support channel is “L” shaped. The high side of the channel must always face inwards.

2

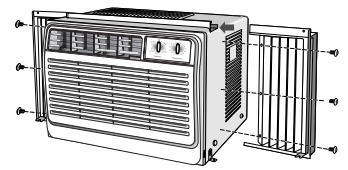


2 Assemble the window brackets on the cabinet.

2-1 Loosen the lower screw slightly on each side of the cabinet and install the **Type C window bracket.**

2-2 Tighten the screws securing the brackets.

3



3 Attach the window filler panels to the unit.

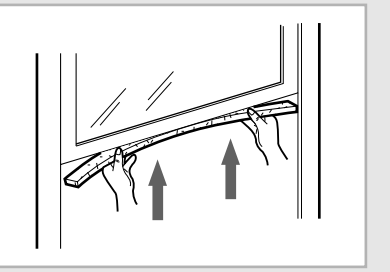
3-1 Slide the window filler panels and their frames into the channels on the top and bottom of the cabinet.

3-2 Assemble the window filler panels to the cabinet using **six Type B screws.**

4 Attach the seal strip to the window.

4-1 Cut the adhesive-backed foam seal strip gasket to the window width.

4-2 Remove the backing from the seal strip and attach the strip to the underside of the bottom window.

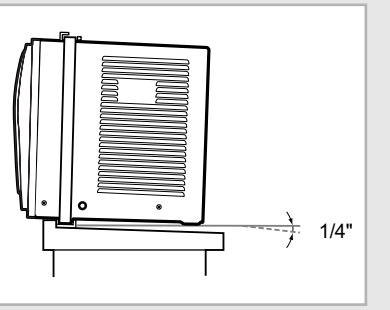


5 Install the unit in the window.

5-1 Place the air conditioner cabinet into the window with the top support channel positioned just in front of the bottom sash.

5-2 Center the cabinet side to side in the window, then pull the window down until it rests on the air conditioner, just behind the mounting channel front flange on top of the cabinet.

5-3 Make sure the cabinet maintains a slightly downward slant to the outside. A 1/4" slant, cabinet front to rear is desirable to help prevent water from entering the room.

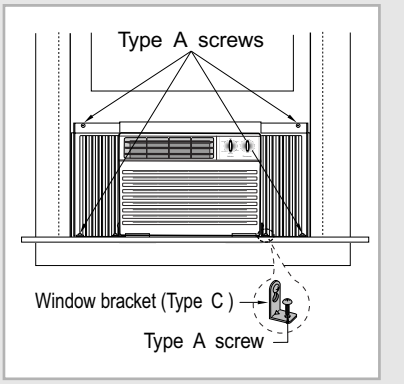


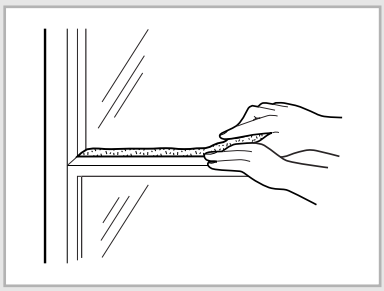
6 Extend the window filler panels.

6-1 Secure the window brackets to the stool using the **Type A screw** at each side.

6-2 Extend the window filler panels into the window sash tracks on both sides. When the window is pulled down, the window should rest on the unit just behind the window filler panel frames.

6-3 Slide the window filler panels outward until they touch the sides of the window. Secure the panels by putting **four Type A screws** through the mounting holes in the panels and driving them into the window stool and sash.





7 Install the window gasket.
Cut the foam window gasket to the window width and stuff it between the window and the glass to prevent air and insects from getting into the room.

8 Check for air leaks and seal.

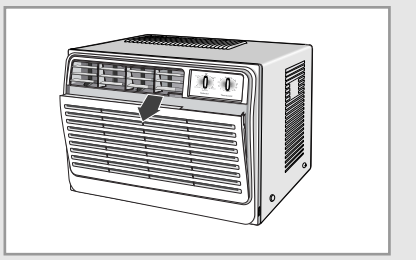
9 Plug in the power, switch on the air conditioner, turn the air conditioner on and operate it in Cool mode and check for unusual vibrations.

➢ After several minutes the unit will be blowing out cold air.
If the unit is not cold, please return it to the dealer.

Removal of the Front Grille

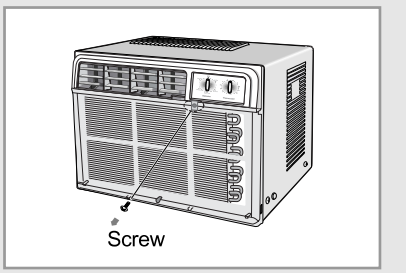
If you need to remove the front grille for replacement, follow the steps below.

1 Open the front grille by pulling the tabs on both sides of the grille.
Then lift it up slightly to open the front grille completely.



2 Remove the screw that holds the grille in place.

➢ Remove the shipping tape before pulling out the air filter, if necessary.



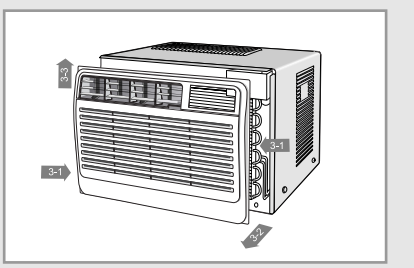
3 Disassemble the front grille.

3-1 Press both sides of the cabinet in the direction of the arrow as shown in the figure.

3-2 Pull the lower part of the front grille slightly forward.

➢ Do not pull bottom edge of grille toward you more than 7.6cm(3").
Damage to the grille's two top tabs may occur.

3-3 Grasp the grille at both sides near the bottom and carefully lift it straight up to disengage the grille's two top tabs from slots near the top of the cabinet.



4 Reinstall the front grille.

4-1 Fix the upper front grille.

4-2 Slide one side of the lower part of the front grille slightly backward.

4-3 Slide the other side backward.

4-4 Reinstall the screw and the air filter.

SAMSUNG ROOM AIR CONDITIONER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor, Five (5) Years Parts Warranty for Compressor

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. Warranty repairs must be performed by SAMSUNG's authorized service center. To receive warranty service, the original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center.

SAMSUNG will repair or replace any part found to be defective at no charge, as stipulated herein, with new or reconditioned parts during the limited warranty period specified above. To request warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. SAMSUNG does not warrant uninterrupted or error-free operation of the product. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety(90) days,whichever is longer.

In - Home Service :
During the warranty labor period, in-home service will be provided subject to availability within the contiguous United States. In-home service is not available in all areas. If during in-home service repair can not be completed, it may be necessary to remove, repair and return the product. If in-home service is unavailable, SAMSUNG may elect, at our option, to provide for transportation of our choice to and from a SAMSUNG authorized service center. Otherwise, transportation to and from the SAMSUNG authorized service center is the responsibility of the purchaser.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: delivery and installation; damage which occurs in shipment; applications and uses for which this product was not intended; failures or problems which are caused by products or equipment not supplied by SAMSUNG; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper or faulty installation; product alteration or modification; improper or unauthorized repair; cosmetic damage or exterior finish; product with altered serial numbers; failure to follow operating and environmental instructions that are covered and prescribed in the instruction book; customer adjustments, routine maintenance and cleaning; consumable items such as filters; use of non-SAMSUNG or unauthorized parts, supplies, accessories or equipment which damage this product or result in service problems.

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Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty service, please contact SAMSUNG at:

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